

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1114-17-WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/CA 03/01479	International filing date (day/month/year) 26/09/2003	(Earliest) Priority Date (day/month/year) 26/09/2002
Applicant MOUNT SINAI HOSPITAL		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☒ contained in the international application in written form.

☒ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 03/01479

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/574 G01N33/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, MEDLINE, EMBASE, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NAKAMURA T ET AL: "ALTERNATIVE SPLICING ISOFORMS OF HIPPOSTASIN (PRSS20/KLKII) IN PROSTATE CANCER CELL LINES" PROSTATE, WILEY-LISS, NEW YORK, NY, US, vol. 49, no. 1, 15 September 2001 (2001-09-15), pages 72-78, XP001105309 ISSN: 0270-4137 the whole document, see especially p. 72 ---	10-16, 39, 48
X,P	WO 02 097438 A (DIAMANDIS ELEFThERIOS ;MOUNT SINAI HOSPITAL (CA)) 5 December 2002 (2002-12-05) the whole document, especially p. 1-4 --- -/--	10-16, 39, 48



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

16 March 2004

Date of mailing of the international search report

14/04/2004

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STEINHEIMER, K

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 03/01479

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NAKAMURA TERUKAZU ET AL: "Human kallikrein 11; a new biomarker of prostate cancer" JOURNAL OF UROLOGY, vol. 167, no. 4 Supplement, April 2002 (2002-04), page 286 XP009027318 Annual Meeting of the American Urology Association, Inc.; Orlando, Florida, USA; May 25-30, 2002 ISSN: 0022-5347 abstract	10-16, 39, 48
Y	DIAMANDIS ELEFTHERIOS P ET AL: "Human kallikrein 11: A new biomarker of prostate and ovarian carcinoma" CANCER RESEARCH, vol. 62, no. 1, 1 January 2002 (2002-01-01), pages 295-300, XP002216344 ISSN: 0008-5472	1-9, 17-49
X	the whole document, see especially p. 289-299	10-16
X	YOUSSEF GEORGE M ET AL: "Expanded human tissue kallikrein family: A novel panel of cancer biomarkers" TUMOR BIOLOGY, vol. 23, no. 3, May 2002 (2002-05), pages 185-192, XP009027321 ISSN: 1010-4283	10-16
Y	the whole document, see especially p. 189	1-9, 17-49
Y	DIAMANDIS E P ET AL: "HUMAN TISSUE KALLIKREINS: A FAMILY OF NEW CANCER BIOMARKERS" CLINICAL CHEMISTRY, AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY. WINSTON, US, vol. 48, no. 8, August 2002 (2002-08), pages 1198-1205, XP001121702 ISSN: 0009-9147	1-9, 17-49
X	the whole document, see especially p. 1203	10-16

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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>MAGKLARA ANGELIKI ET AL: "The combination of human glandular kallikrein and free prostate-specific antigen (PSA) enhances discrimination between prostate cancer and benign prostatic hyperplasia in patients with moderately increased total PSA"</p> <p>CLINICAL CHEMISTRY, vol. 45, no. 11, November 1999 (1999-11), pages 1960-1966, XP002273448 ISSN: 0009-9147 cited in the application the whole document, especially p. 1960 -----</p>	<p>1-9, 17-49</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/01479

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 02097438 A	05-12-2002	WO 02097438 A1	05-12-2002
		CA 2448355 A1	05-12-2002
		EP 1390756 A1	25-02-2004
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